EaSEIL : Earth Science Experiential and Indigenous Learning

Laura Lukes, Shandin Pete, Silvia Mazabel, Bean Sherman, and Brett Gilley

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Project Purpose

EaSEIL is a large TLEF funded project designed to create space for students, instructors, staff, and community members to **reimagine, develop, and transform field-based experiential learning** opportunities for students.

This will be done through individual and collaborative reflection, learning, and production activities, with an eye towards:

- Principles of community-engagement and the ethics and models of incorporating Indigenous histories, contemporary perspectives, Knowledge, ways of knowing into curriculum
- Increasing accessibility of and inclusive practices in field-based learning
- Integrating interdisciplinary and systems thinking

Anticipated outcomes

- Increased instructor knowledge and capacity for offering all students experiential field-based learning opportunities
- Curated collection of curriculum or supplementary resources
- Tools and guidelines for instructors of field-based courses or modules
- New 4th year interdisciplinary land-based field course (Teck Geo. Field Station)
- Tested models for scaling pedagogical change and Indigenous engagement and partnership

Project Structure

UBC Partners

CTLT Indigenous Initiatives
Indigenous Research Services Initiative
Skylight
Centre for Community Engaged Learning
UBC-O: Office of Research Services

Place-Based indigenous Community Partners

3 Tier Indigenous communities engagement model

Community of Practice CoP-A
20 course instructors
15 existing courses

"Students-as-partners"
S-CoP
3-4 UAAs
3GAAs

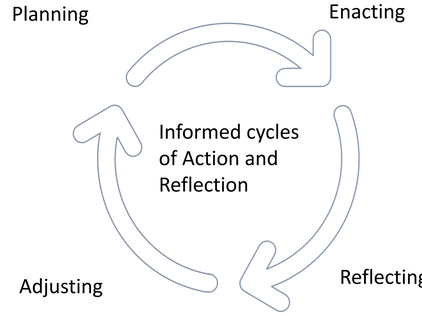
S-CoP
Co-creating teaching and learning materials and curriculum
Students will help to frame and develop material
Will also get professional development

CoP-A
Includes Faculty from EOAS, Geography, Botany and the Faculty of Forestry as well as several UBC support offices

Project Evaluation & Research

~Monthly meetings starting in Sept 2022

"Thirds" Model Approach
- Information Sharing
- Group Discussion/Collaboration
- Individual work



Leadership Team

Laura Lukes
Project Lead & Manager

Research & evaluation

Shandin Pete
Project Co-lead

Place-based indigenous communities' partnerships

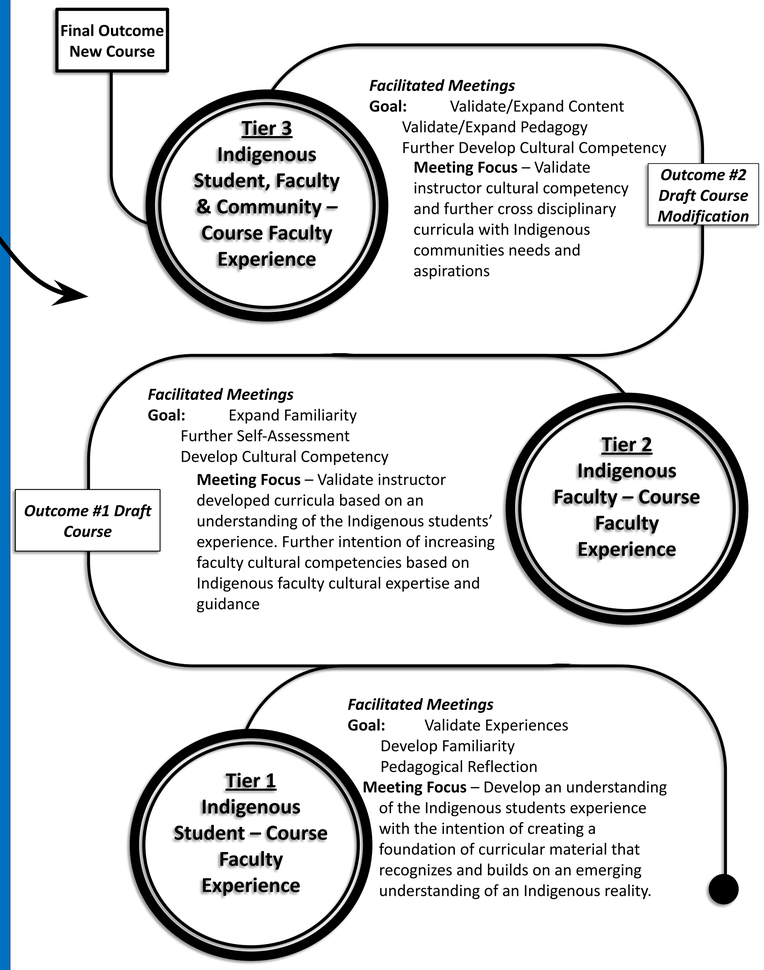
Silvia Mazabel
Community of Practice (CoP-A) lead facilitator

Research & evaluation

Bean Sherman
Students as partners

CoP-S lead facitator

Brett Gilley
Inclusion and Accessibility



Introductory Hybrid CoP-A Meeting April 11th
25 people (instructors, students, and staff from UBC support offices) to start building our partnership and discuss expectations. We initiated conversations about experiential field-based learning.